

Riparian Reserves

August 2019



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desert conservation
PROGRAM

Overview



Incidental Take Permit, Condition K

- Property Acquisition
Maintenance & Management
Restoration



Overview



Incidental Take Permit, Condition K

- **Property Acquisition**

Maintenance & Management

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Incidental Take Permit, Condition K

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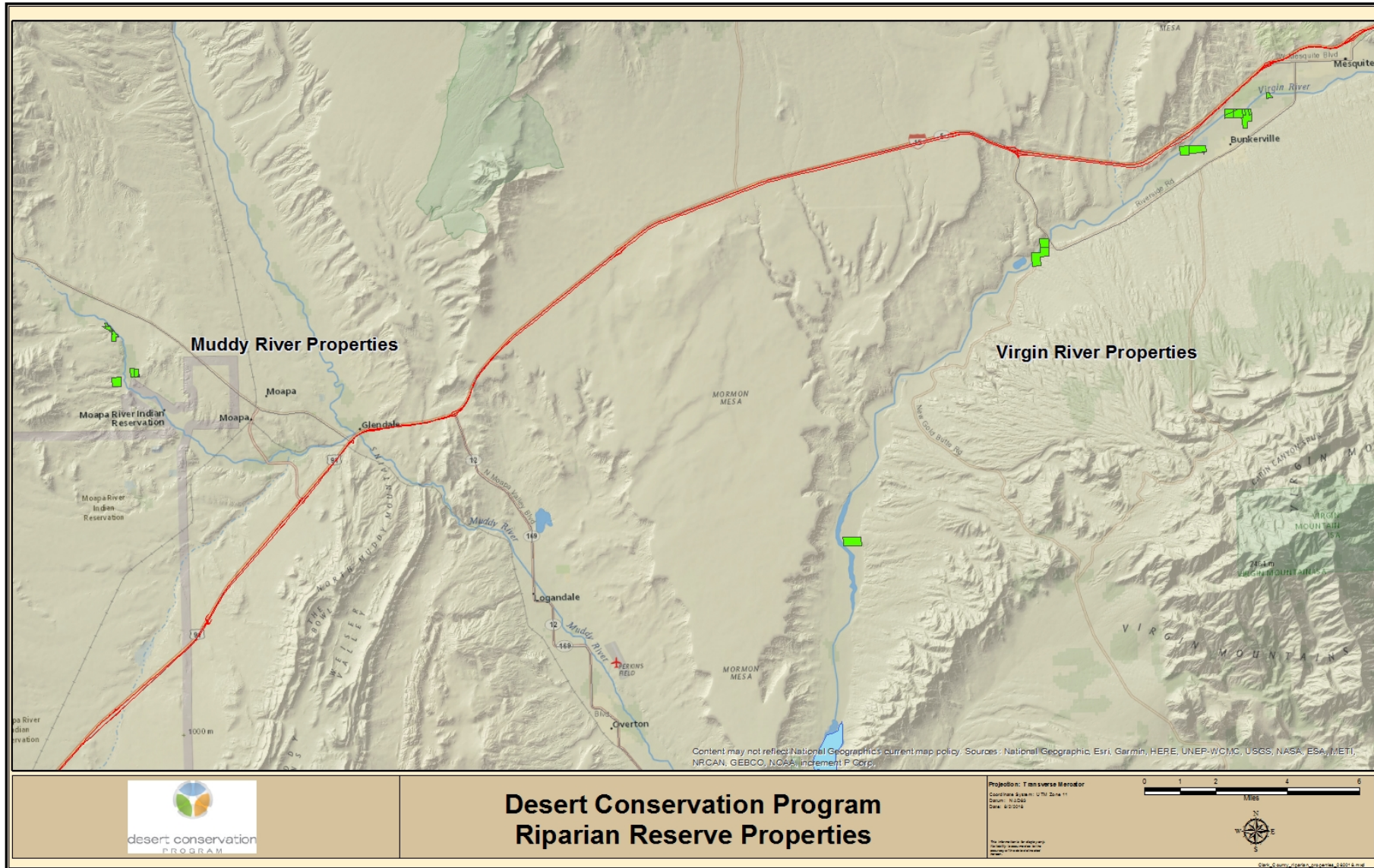
Overview

Incidental Take Permit, Condition K

- Property Acquisition
Maintenance & Management
Restoration



Riparian Reserves



Maintenance & Management

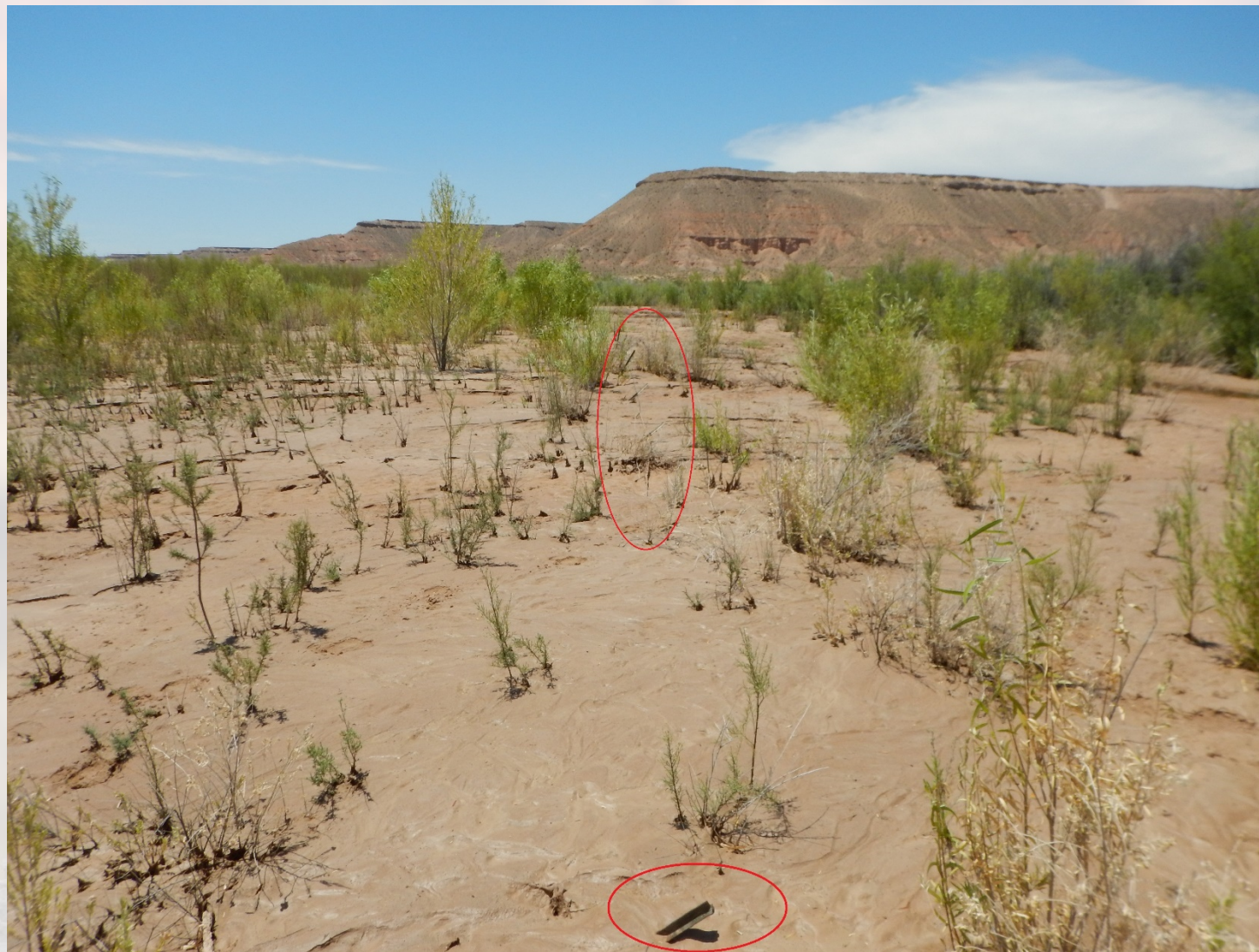
- National Park Service Exotic Plant Management Team
- DCP Staff
- Eagle View Contractors



Management Issues - Virgin River, Mormon Mesa



Management Issues - Virgin River, Mormon Mesa



Management - Virgin River, Riverside

- Good neighbors



Management Issues - Virgin River, Riverside



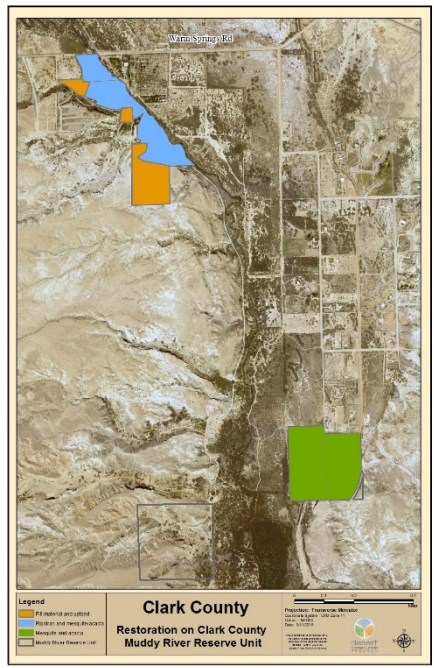
Management Issues - Virgin River, Riverside



Management Issues - Virgin River, Riverside



Restoration – Muddy River



Facing southeast

Restoration – Muddy River

- Site was cleared of undesirable vegetation



Restoration – Muddy River



- Desirable natives, ash, mesquite, and antelope bush, were left in place.



Restoration – Muddy River



Prosopis glandulosa
Prosopis pubescens
Chilopsis linearis

Sporobolus airoides
Salix exigua
Baccharis salicifolia

- Plants species were grown by the NPS Song Dog Nursery at Lake Mead National Recreation Area.



Restoration – Muddy River

- Revegetation included a variety of techniques, deep pot planting, willow pole cuttings, and traditional planting methods
- 139 plants



Restoration – Muddy River

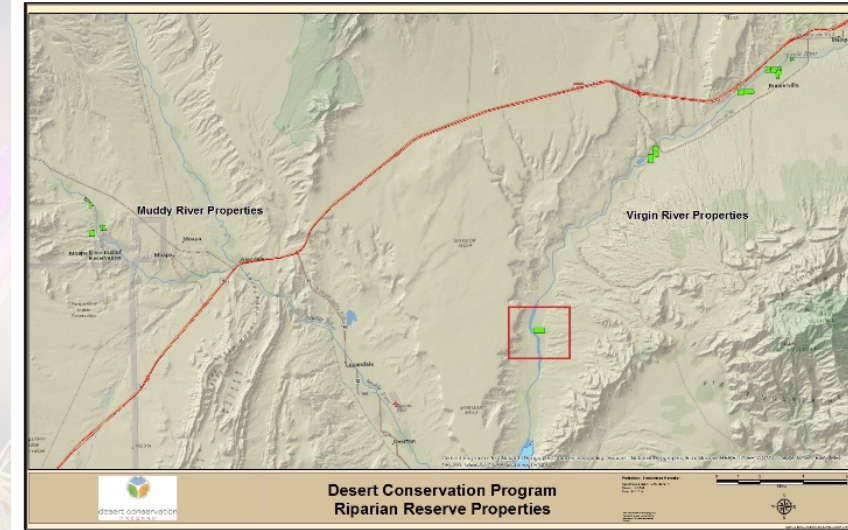
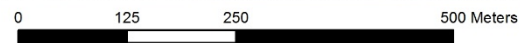
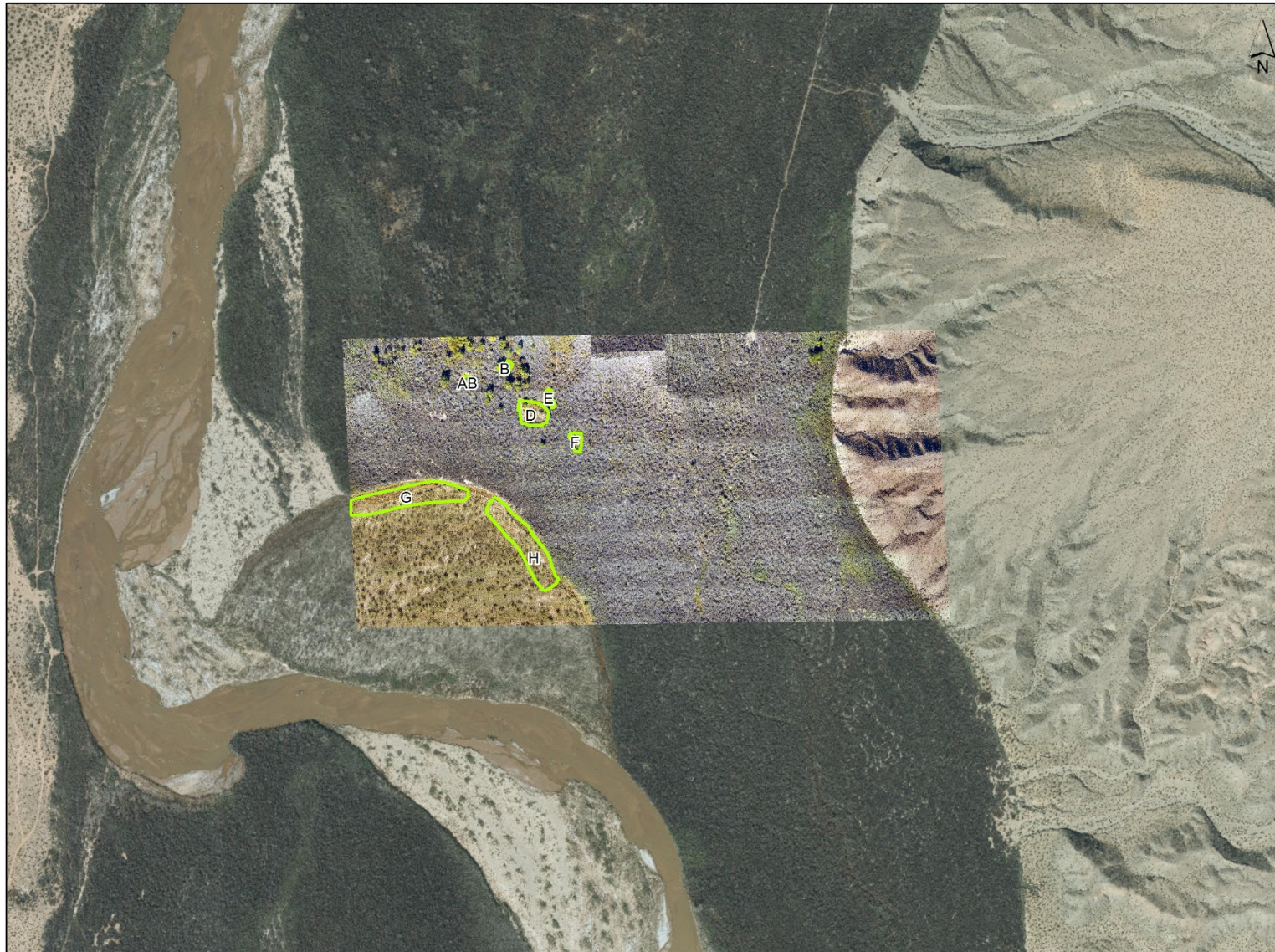


- Tubex tree shelters

- 139 native trees, shrubs and grasses were planted



Restoration – Virgin River, Mormon Mesa



- High restoration potential
- Limited access, trespass cattle

Restoration – Virgin River, Mormon Mesa

- 2014 pilot restoration project
- Cottonwood, goodings willow, sandbar willow, ash, seepwillow, yerba mansa, sedge, and rush
- Additional exclusion fencing



Restoration – Virgin River, Mormon Mesa



Drone footage collected November 2018, prior to second mastication

Restoration – Virgin River, Mormon Mesa





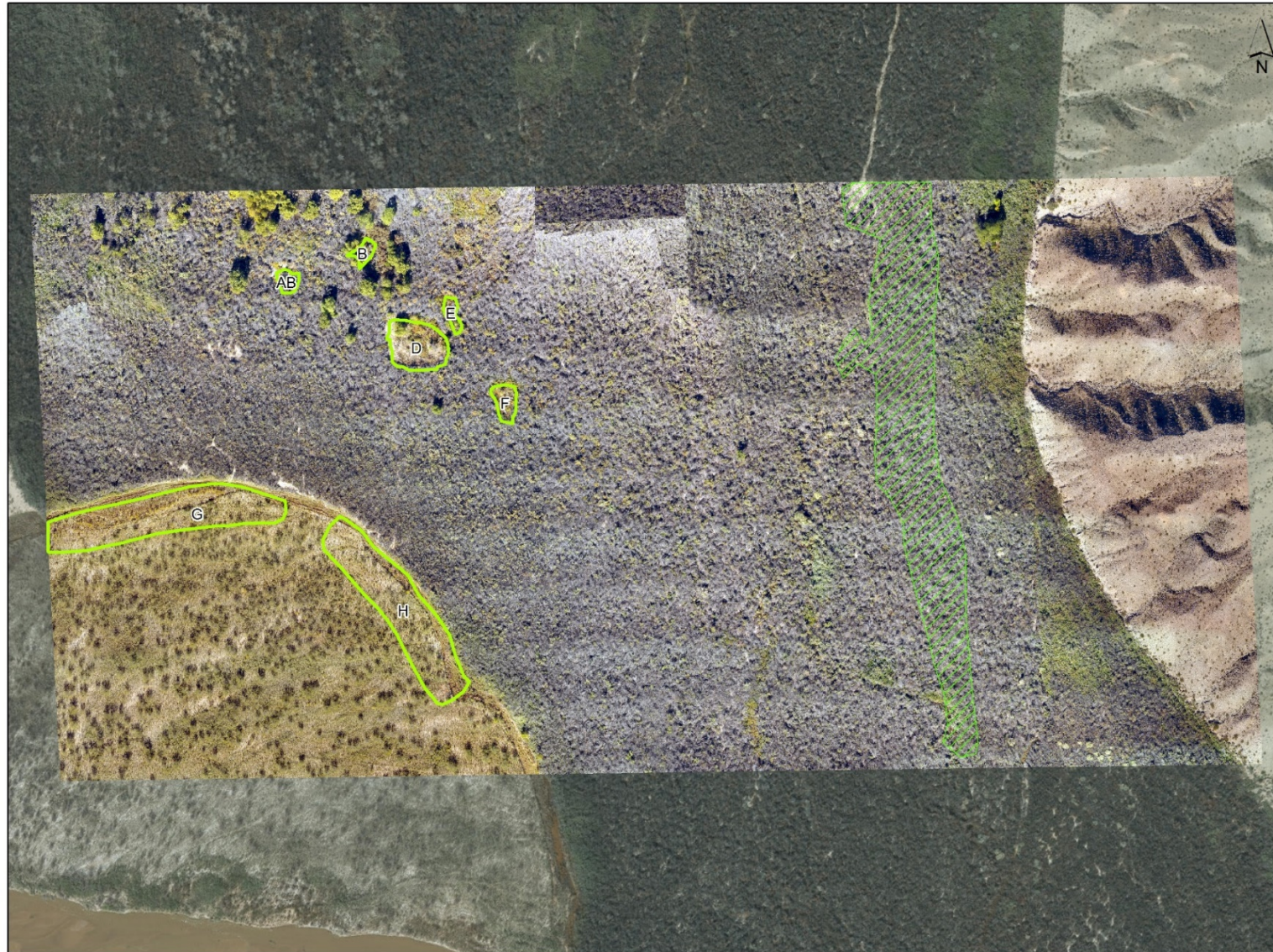
Restoration – Virgin River, Mormon Mesa



- 4 acres masticated

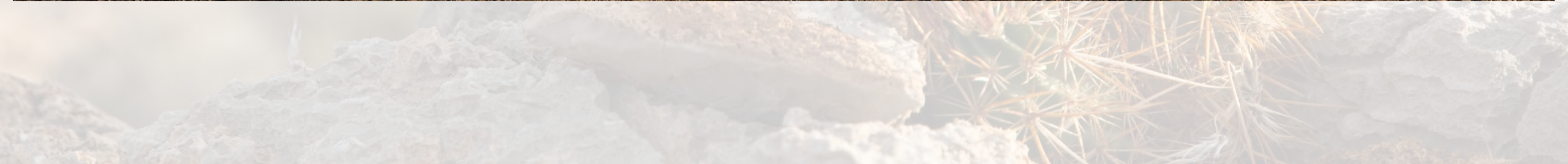


Restoration – Virgin River, Mormon Mesa



0 50 100 200 Meters

Restoration – Virgin River, Mormon Mesa







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Thank you to the Permittees

